

Delaware CEDS

*a Comprehensive Economic Development Strategy
for the State of Delaware*



Delaware CEDS – a program of the Delaware Economic Development Office
contact: University of Delaware Institute for Public Administration – 180 Graham Hall, University of Delaware, Newark, DE 19716
e-mail: bdworsky@udel.edu – phone: 302-831-8710 – fax: 302-831-3488

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New Castle Co. WASTEWATER Facts

I. Relationship of Wastewater to Economic Development

Sufficient wastewater-management capacity and infrastructure is necessary to support Delaware's residential, commercial, and industrial sectors.

II. Existing Conditions and Trends

The New Castle County Department of Special Services operates the regional wastewater-collection system. In northern New Castle County, the regional wastewater system delivers wastewater to the City of Wilmington wastewater-treatment plant for discharge to the Delaware River. In southern New Castle County, the regional wastewater system contributes flows to an existing spray-irrigation system (Water Farm No. 1 with plans to expand capacity with construction of Water Farm No. 2 north of Middletown and Odessa).

<u>Wastewater System</u>	<u>Existing Capacity</u>	<u>Future Capacity</u>	<u>Reserve Capacity</u>
Northern New Castle County	100 mgd	110 mgd	10 mgd
Southern New Castle County	2 mgd	8 mgd	6 mgd

III. Projections and Plans

The City of Wilmington is rehabilitating the wastewater system principally by reducing the combined sewer overflows to the Christina River and Brandywine Creek. New Castle County is expanding its southern wastewater-service area between the C&D Canal and Middletown-Odessa by adding 6 mgd of additional treatment capacity at Water Farm No. 2.

IV. Identified Opportunities and Constraints

Opportunities

Northern New Castle County has 10 mgd of additional sewer capacity, which provides opportunity for new businesses.

Constraints

Economic growth in southern New Castle County will depend on New Castle County future plans to build Water Farm No. 2 to provide public sewer capacity (6 mgd) to the southern service area.